# **Print Instructions for Print Vendors (Paper Manuals)**

# Parts Manual

#### TOTAL PAGE COUNT: Less than 80

**Paper Size:** • 11 x 17

• Body - 50 lbs brilliant white offset or equivalent.

• Cover - on 80 lbs coated, pre-printed "grid" cover stock

(NOTE: If total order quantity is less than 100 pieces, use uncoated cover stock)

Press: • Body - 1-color, 2-sided

• Cover imprint - 1-color, 2-sided

**Bindery:** • Fold & Staple (2X), Face Trim, 3-Hole Drill

### TOTAL PAGE COUNT: 80 or greater

**Paper Size:** • 8-1/2 x 11

• Body - 50 lbs brilliant white offset or equivalent.

• Cover - on 80 lbs coated, pre-printed "grid" cover stock

(NOTE: If total order quantity is less than 100 pieces, use uncoated cover stock)

Press: • Body - 1-color, 2-sided

• Cover imprint - 1-color, 2-sided

**Bindery:** • Perfect Bind, Face Trim (3 knife), 3-Hole Drill

#### **GENERAL**

**COVERS:** • Covers are located at the beginning of this package.

• Back cover is the page IMMEDIATELY AFTER the front cover.

• If supplied, the "Hardware Identification & Torque Specifications" is located IMMEDIATELY AFTER the back cover. This page MUST be printed on the INSIDE of the BACK cover.

• Check the front cover for the individual part number (typically a 2xxxx or 182xxxx number).

• Check the front cover for the document number (TP 4xx - xxxx - xx - xx - xx)

**BODY:** •ODD number pages are ALWAYS right hand pages, and EVEN number are ALWAYS left hand

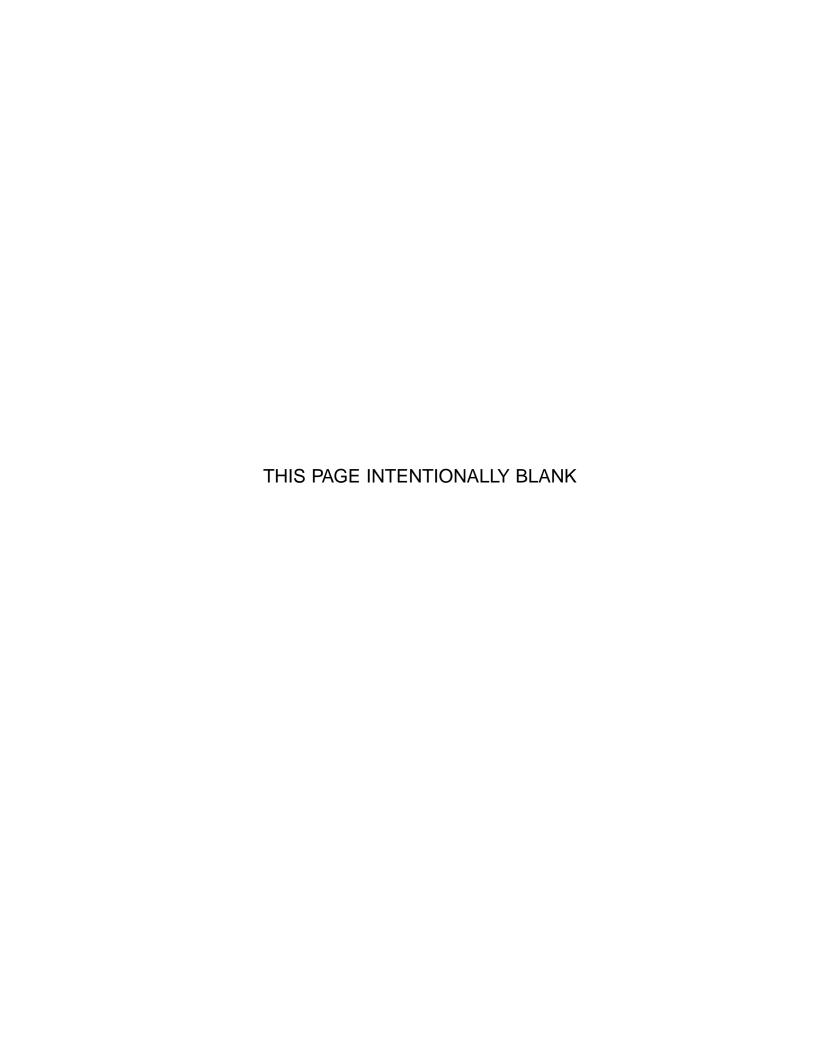
pages.

General: • This instruction page is NOT part of the manual and must NOT be printed.

Pages labeled with the text "THIS PAGE INTENTIONALLY BLANK" are placement pages ONLY,

and should NOT be printed.

If you have any further questions regarding this manual, please contact Ken Cehonski in Ferris Industries Engineering Department at (315) 495-0100 ext. 249.







# The Pacer Walk Behind Mower

Model: HW1436

**Derby** mowers are built by Ferris Industries, a Simplicity company.

**Ferris Industries** 5375 North Main Street Munnsville, NY 13409 800-933-6175 1822418

Revision 01

Rev. Date: 1/2004

D-PAC-PAR-01

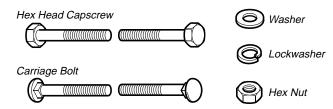


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# **Hardware Identification & Torque Specifications**

#### **Common Hardware Types**

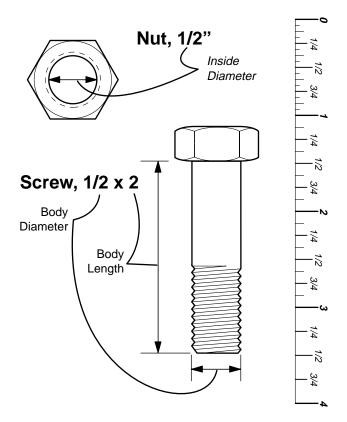


#### **Standard Hardware Sizing**

When a washer or nut is identified as **1/2**", this is the *nominal size*, meaning the *inside diameter* is 1/2 inch; if a second number is present it represents the *threads per inch*.

When a bolt or capscrew is identified as 1/2 - 16 x 2", this means the *nominal size*, or *body diameter* is 1/2 inch; the second number represents the *threads per inch* (16 in this example), and the final number is the *body length* of the bolt or screw (2 inches long in this example).

The guides and ruler furnished below are designed to help you select the appropriate hardware and tools.



# **Torque Specification Chart**

FOR STANDARD MACHINE HARDWARE (Tolerance ± 20%)

| Hardware<br>Grade   |                  | vo<br>Parks<br>rade 2 | SAE G            | irade 5 | SAE              | Grade 8 |
|---------------------|------------------|-----------------------|------------------|---------|------------------|---------|
| Size Of<br>Hardware | in/lbs<br>ft/lbs | Nm.                   | in/lbs<br>ft/lbs | Nm.     | in/lbs<br>ft/lbs | Nm.     |
| 8-32                | 19               | 2.1                   | 30               | 3.4     | 41               | 4.6     |
| 8-36                | 20               | 2.3                   | 31               | 3.5     | 43               | 4.9     |
| 10-24               | 27               | 3.1                   | 43               | 4.9     | 60               | 6.8     |
| 10-32               | 31               | 3.5                   | 49               | 5.5     | 68               | 7.7     |
| 1/4-20              | 66               | 7.6                   | 8                | 10.9    | 12               | 16.3    |
| 1/4-28              | 76               | 8.6                   | 10               | 13.6    | 14               | 19.0    |
| 5/16-18             | 11               | 15.0                  | 17               | 23.1    | 25               | 34.0    |
| 5/16-24             | 12               | 16.3                  | 19               | 25.8    | 27               | 34.0    |
| 3/8-16              | 20               | 27.2                  | 30               | 40.8    | 45               | 61.2    |
| 3/8-24              | 23               | 31.3                  | 35               | 47.6    | 50               | 68.0    |
| 7/16-14             | 30               | 40.8                  | 50               | 68.0    | 70               | 95.2    |
| 7/16-20             | 35               | 47.6                  | 55               | 74.8    | 80               | 108.8   |
| 1/2-13              | 50               | 68.0                  | 75               | 102.0   | 110              | 149.6   |
| 1/2-20              | 55               | 74.8                  | 90               | 122.4   | 120              | 163.2   |
| 9/16-12             | 65               | 88.4                  | 110              | 149.6   | 150              | 204.0   |
| 9/16-18             | 75               | 102.0                 | 120              | 163.2   | 170              | 231.2   |
| 5/8-11              | 90               | 122.4                 | 150              | 204.0   | 220              | 299.2   |
| 5/8-18              | 100              | 136                   | 180              | 244.8   | 240              | 326.4   |
| 3/4-10              | 160              | 217.6                 | 260              | 353.6   | 386              | 525.0   |
| 3/4-16              | 180              | 244.8                 | 300              | 408.0   | 420              | 571.2   |
| 7/8-9               | 140              | 190.4                 | 400              | 544.0   | 600              | 816.0   |
| 7/8-14              | 155              | 210.8                 | 440              | 598.4   | 660              | 897.6   |
| 1-8                 | 220              | 299.2                 | 580              | 788.8   | 900              | 1,244.0 |
| 1-12                | 240              | 326.4                 | 640              | 870.4   | 1,000            | 1,360.0 |

#### **NOTES**

- These torque values are to be used for all hardware excluding: locknuts, self-tapping screws, thread forming screws, sheet metal screws and socket head setscrews.
- 2. Recommended seating torque values for locknuts:
  - a. For prevailing torque locknuts: use 65% of Grade 5 torque.
  - b. For flange whizlock nuts and screws: use 135% of Grade 5 torque.
- Unless otherwise noted on assembly drawings, all torque values must meet this specification.

## Wrench & Fastener Size Guide



1/4" Bolt or Nut Wrench—7/16"



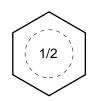
5/16" Bolt or Nut Wrench—1/2"



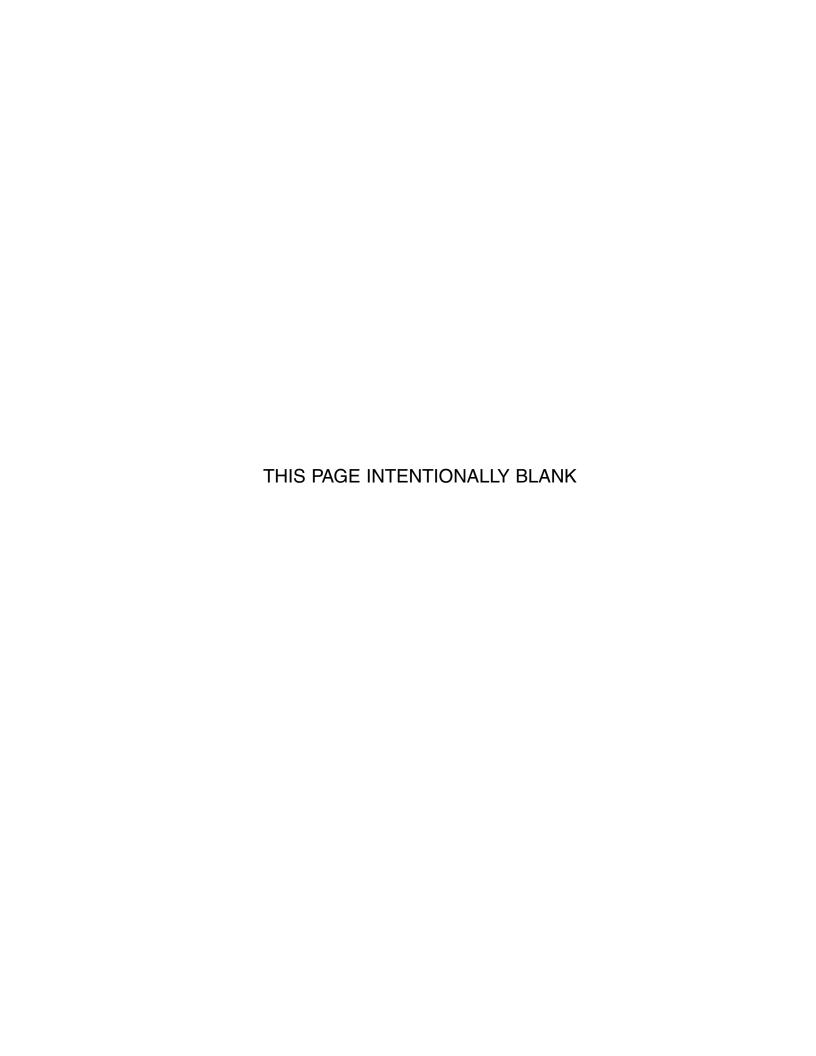
3/8" Bolt or Nut Wrench—9/16"



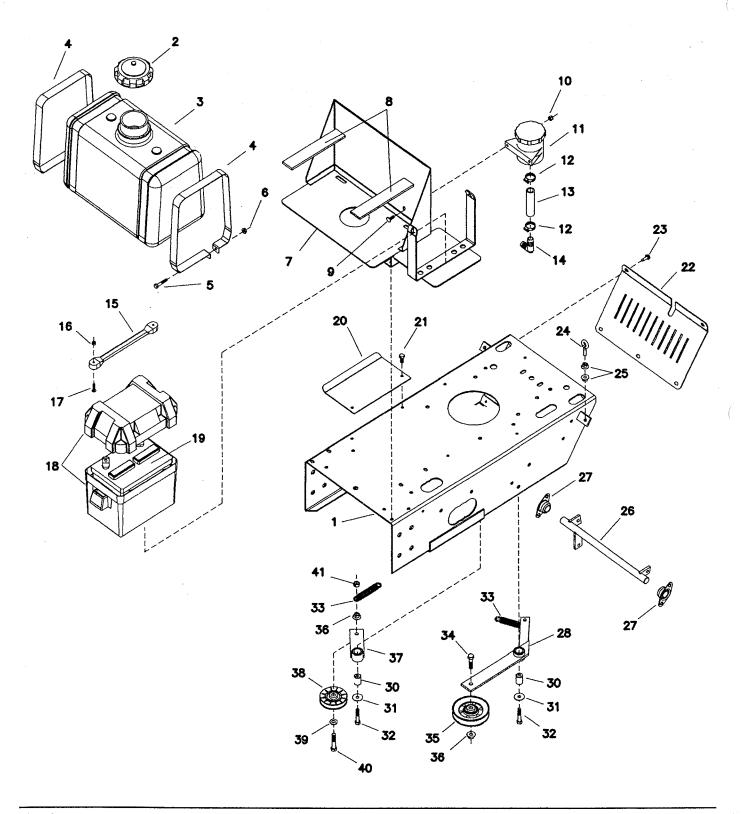
**7/16" Bolt or Nut**Wrench (Bolt)—5/8"
Wrench (Nut)—11/16"



1/2" Bolt or Nut Wrench—3/4"



| This Manual Covers The Following Products:                    |                    | TRACTOR COMPONENTS  |  |  |
|---|--------------------|---|--|--|
| 14HP WALK BEHIND MOWER HW1436 Pacer 14 HP Walker w/ 36" Mower | <b>PAGES</b> 2-15  | Engine Deck, Fuel Tank & Idler Group2 Engine, PTO & Drive Group4 Brake Group6 Handle Bar Group8 |  |  |
| 36" MOWER DECK HW1436 Pacer 14 HP Walker w/ 36" Mower         | <b>PAGES</b> 16-17 | Transmission & Drive Tire Group   |  |  |
|   |                    | MOWER DECK COMPONENTS   |  |  |
|   |                    | 36" Mower Group16   |  |  |
|   |                    | REFERENCE INFORMATION:  |  |  |
|   |                    | Torque Specification ChartInside Back Cover   |  |  |

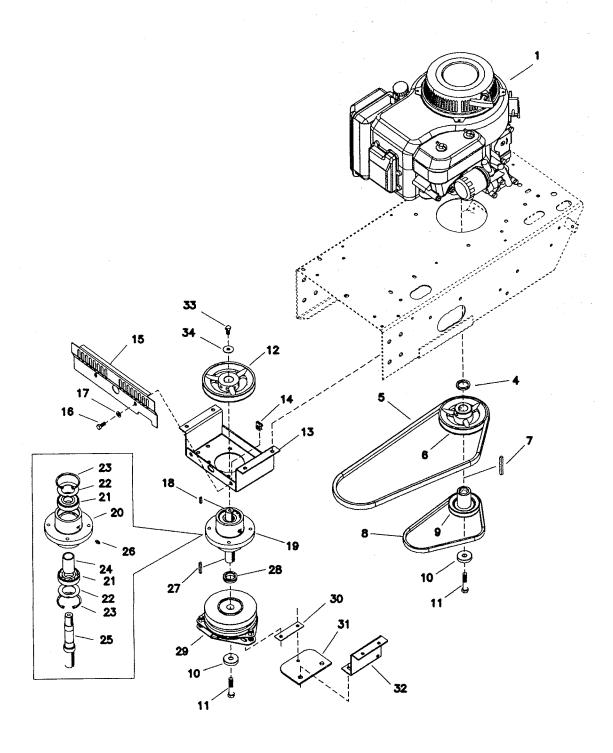


The above parts group applies to the following Model Nos.:

HW1436 Pacer 14 HP Walker w/ 36" Mower

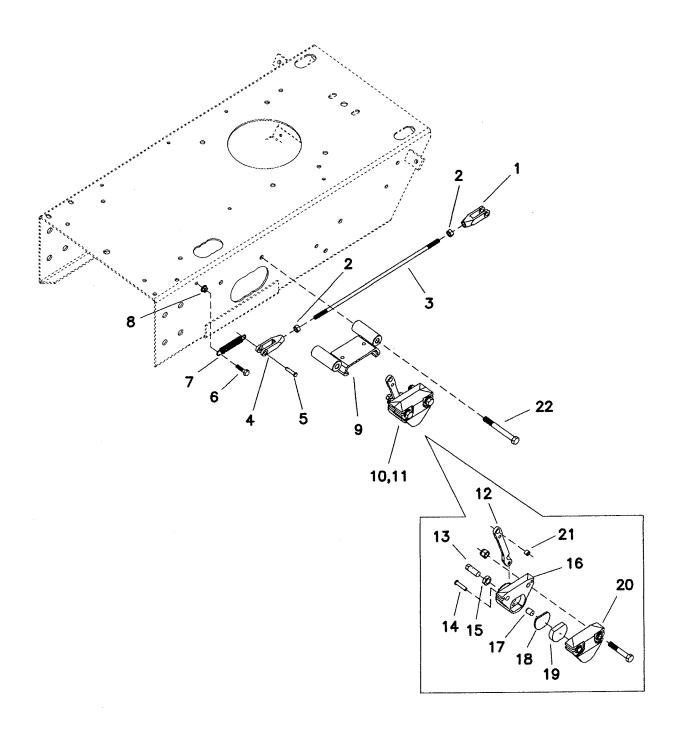
# Engine Deck, Fuel Tank & Idler Group

| REF NO. | PART NO. | QTY.        | DESCRIPTION                             |     |
|---------|----------|-------------|---|-----|
| 1       | 1831174  | 1           | PACER ENGINE DECK                       |     |
| 2       | 22158    | 1           | CAP, Fuel Tank                          |     |
| 3       | 21869    | 1           | FUEL TANK, 5 Gallon                     |     |
| 4       | 1844694  | 2           | STRAP, Fuel Tank                        |     |
| 5       | 25010-12 | 2           | CAPSCREW, Hex Hd, 1/4-20 x 1-1/2        |     |
| 5<br>6  | 25126    | 2           | NUT, Hex, Serrated Flange, 1/4-20       |     |
| 7       | 1845865  | 1           | FUEL TANK MOUNT                         |     |
| 8       | 21877    | 2           | RUBBER PAD                              |     |
| 9       | 25144-6  | 2           | CARRIAGE BOLT, 1/4-20 x 3/4             |     |
| 10      | 25095    | 2           | NUT, Hex, Nylon Lock, 1/4-20            |     |
| 11      | 21384    | 1           | RESERVOIR, Hydraulic Oil                |     |
| 12      | 21164    | 2           | HOSE CLAMP                              |     |
| 13      | 50848-4  | - 1         | HOSE, 4"                                | ·   |
| 14      | 21395    | 1           | FITTING, 90 deg.                        |     |
| 15      | 21670    | 1           | RUBBER STRAP                            |     |
| 16      | 25271    | 2           | NUT, Hex, Nylon Lock, #10-24            |     |
| 17      | 25270    | 2<br>2      | SCREW, Phillips, #10-24 x 1             |     |
| 18      | 21666    | 1           | BATTERY BOX                             |     |
| 19      | 22346    | 1           | BATTERY                                 |     |
| 20      | 1842538  | 1           | HEAT SHIELD                             |     |
| 21      | 25011-6  | 2           | CAPSCREW, Hex Hd, 5/16-18 x 3/4         |     |
| 22      | 1842641  | 1           | SCREEN                                  |     |
| 23      | 25279-6  | 5           | CAPSCREW, Hex Hd, Taptite, 1/4-20 x 3/4 |     |
| 24      | 25151-17 | 2           | EYEBOLT                                 |     |
| 25      | 25139    | 4           | NUT, Hex, Serrated Flange, 5/16-18      |     |
| 26      | 1842533  | 1           | TRANSMISSION CONTROL SHAFT              |     |
| 27      | 21098    | 2           | BEARING, Flange                         |     |
| 28      | 1842917  | 1           | IDLER ARM, Complete (Includes Ref 29)   |     |
| 29      | 20876B   | 2           | BUSHING                                 | 100 |
| 30      | 42134    | 2           | SPACER, Pivot                           |     |
| 31      | 25164    | 2<br>2<br>2 | WASHER, Fender, 5/16                    |     |
| 32      | 25011-14 | 2           | CAPSCREW, Hex Hd, 5/16-18 x 1-3/4       |     |
| 33      | 20807    | 2           | SPRING, Extension                       |     |
| 34      | 25013-12 | 1           | CAPSCREW, Hex Hd, 3/8-16 x 1-1/2        |     |
| 35      | 43628    | 1           | PULLEY, Idler                           |     |
| 36      | 25128    | 2           | NUT, Hex, Serrated Flange, 3/8-16       |     |
| 37      | 1842531  | 2<br>1      | IDLER ARM, Complete (Includes Ref 29)   |     |
| 38      | 43627    | 1           | PULLEY, Idler                           |     |
| 39      | 25156    | 1           | WASHER, 3/8                             |     |
| 40      | 25013-16 | 1           | CAPSCREW, Hex Hd, 3/8-16 x 2            |     |
| 41      | 25100    | 1           | NUT, Hex, Nylon Lock, 3/8-16            |     |



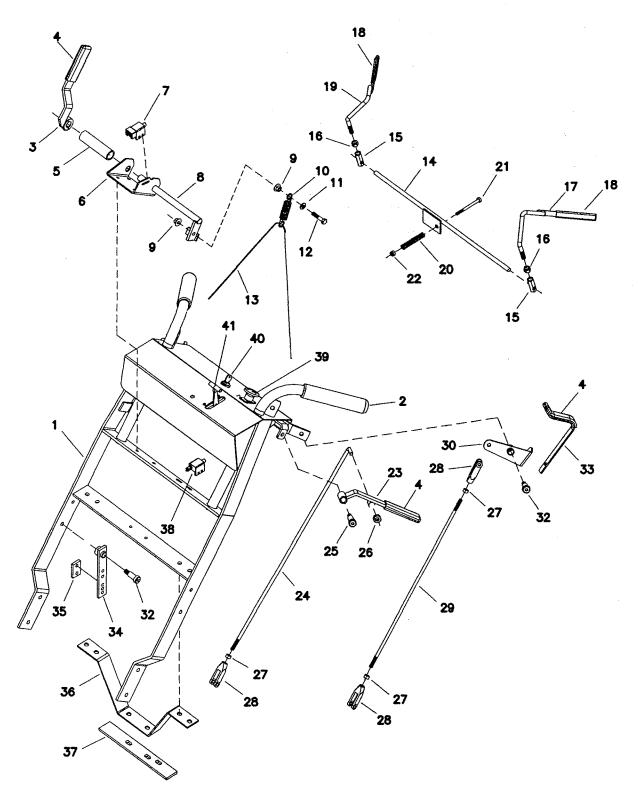
# Engine, PTO & Drive Group

| REF NO. | PART NO. | QTY. | DESCRIPTION  |                |
|---------|----------|------|--|----------------|
| 1       | 22335    | 1    | ENGINE, 14 HP Kohler Electric Start                      |                |
| 2       | 22336    | 1    | MUFFLER (not shown)                                      |                |
| 3       | 22337    | 1    | MUFFLER GUARD (not shown)                                |                |
| 4       | 42620    | 1    | SPACER, Crankshaft                                       |                |
| 5       | 21229    | 1    | BELT (Jackshaft)   |                |
| 6       | 20816    | 1    | PULLÈY   |                |
| 7       | 50407-9  | 1    | KEY, 1/4 x 2-1/2   |                |
| 8       | 21230    | 1    | BELT (Transmission)                                      |                |
| 9       | 42597    | 1    | PULLEY, Transmission Drive                               |                |
| 10      | 42132    | 2    | RETAINER, Clutch   |                |
| 11      | 45938    | 2    | CRANKSHAFT BOLT  |                |
| 12      | 45643    | 1    | PULLEY, Jackshaft Spindle                                |                |
| 13      | 42591    | 1    | JACKSHAFT MOUNT  |                |
| 14      | 22308    | 2    | BODY CLIP, 5/16-18                                       |                |
| 15      | 1845367  | 1    | JACKSHAFT GUARD  |                |
| 16      | 25011-6  | 2    | CAPSCREW, Hex Hd, 5/16-18 x 3/4                          |                |
| 17      | 25155    | 2    | WASHER, 5/16   | and the second |
| 18      | 50403-1  | 1    | KEY, 3/-16 x 1   |                |
| 19      | 45479    | 1    | JACKSHAFT SPINDLE ASSEMBLY, Complete (Incudes Ref 20-26) | •              |
| 20      | 30468    | 1    | HOUSING  |                |
| 21      | 20828    | 2    | BEARING  |                |
| 22      | 44855    | 2    | WASHER   |                |
| 23      | 20866    | 2    | SNAP RING  |                |
| 24      | 45645    | 1    | BEARING SPACER   |                |
| 25      | 45478    | 1    | JACKSHAFT  |                |
| 26      | 20095    | 1    | GREASE FITTING   |                |
| 27      | 50407-1  | 1    | KEY, 1/4 x 1   |                |
| 28      | 45576    | 1    | CLUTCH SPACER  |                |
| 29      | 21823    | 1    | CLUTCH, Electric PTO                                     |                |
| 30      | 44674    | 1    | STRAP  |                |
| 31      | 43636    | 1    | PAD, Clutch Anchor                                       |                |
| 32      | 1845581  | 1    | CLUTCH ANCHOR  |                |
| 33      | 25012-6  | 1    | CAPSCREW, Hex Hd, 5/16-24 x 3/4                          |                |
| 34      | XXXXX    | 1    | WASHER   |                |



# Brake Group

| REF NO. | PART NO. | QTY. | DESCRIPTION                                       |
|---------|----------|------|---|
| 1       | 20979    | 2    | CLEVIS, Plastic, 5/16                             |
| 2       | 25035    | 4    | NUT, Hex, 5/16-24                                 |
| 3       | 42555    | 2    | BRAKE LINKAGE ROD                                 |
| 4       | 20980    | 2    | CLEVIS, Steel, 5/16                               |
| 5       | 25217-7  | 2    | CLEVIS PIN, 1/4 x 7/8                             |
| 6       | 25010-8  | 2    | CAPSCREW, Hex Hd, 1/4-20 x 1                      |
| 7       | 20639    | 2    | SPRING, Extension                                 |
| - 8     | 25126    | 4    | NUT, Hex, Serrated Flange, 1/4-20                 |
| 9       | 1842595  | 2    | BRAKE CALIPER MOUNT                               |
| 10      | 20968    | 1    | CALIPER, LH (Includes Ref 12-20)                  |
| 11      | 20969    | 1    | CALIPER, RH (Includes Ref 12-20)                  |
| 12      | 21038    | 2    | LEVER   |
| 13      | 21473    | 2    | ADJUSTER BOLT                                     |
| 14      | 21471    | 2    | LEVER PIN   |
| 15      | 21472    | 2    | JAM NUT   |
| . 16    | *****    | 2    | BRAKE HOUSING (unavailable for replacement parts) |
| 17      | 21470    | 2    | ACTUATOR PIN                                      |
| 18      | 21335    | 2    | BACK PLATE  |
| 19      | 21010    | 2    | BRAKE PAD   |
| 20      | 21088    | 2    | ANVIL   |
| 21      | 21878    | 2    | SPACER  |
| 22      | 25013-28 | 4    | CAPSCREW, Hex Hd, 3/8-16 x 3-1/2                  |

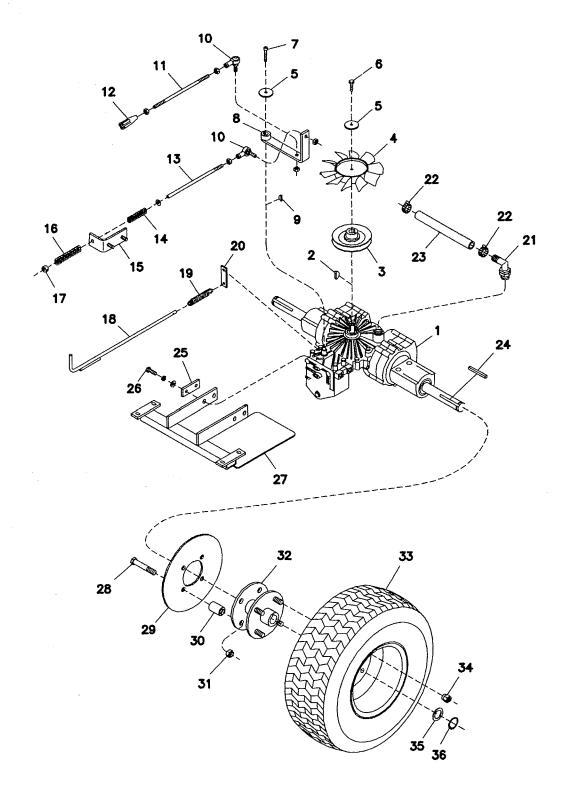


# Handle Bar Group

| REF NO. | PART NO. | QTY. | DESCRIPTION   |
|---------|----------|------|---|
| 1       | 1845480  | 1    | HANDLE BAR ASSEMBLY                                       |
| 2       | 20837    | 2    | GRIP, Foam  |
| 3       | 1844625  | 1    | BRAKE HANDLE, Complete (Includes Ref 4)                   |
| 4       | 25510    | 5    | GRIP, Foam  |
| 5       | 45477    | 1    | BRAKE SHAFT COVER   |
| 6       | 1845575  | 1    | BRAKE HANDLE MOUNT  |
| 7       | 22095    | 1    | SWITCH, Brake   |
| 8       | 1845584  | 1    | BRAKE HANDLE SHAFT  |
| 9       | 25139    | 2    | NUT, Hex, Serrated Flange, 5/16-18                        |
| 10      | 21242    | 1    | SPRING, Extension   |
| 11      | 25155    | 1    | WASHER, 5/16  |
| 12      | 25011-12 | 1    | CAPSCREW, Hex Hd, 5/16-18 x 1-1/2                         |
| 13      | 50832-3  | 1    | BRAKE CABLE   |
| 14      | 1843424  | 1    | SWITCH ROD  |
| 15      | 43417    | 2    | HEX ADJUSTER  |
| 16      | 25034    | 2    | NUT, Hex, 5/16-18   |
| 17      | 1845485  | 1    | HANDLE, Operator Presence, RH, Complete (Includes Ref 18) |
| 18      | 21490    | 2    | GRIP, Vinyl   |
| 19      | 1845484  | 1    | HANDLE, Operator Presence, LH, Complete (Includes Ref 18) |
| 20      | 20637    | 1    | SPRING, Compression                                       |
| 21      | 25010-24 | 1    | CAPSCREW, Hex Hd, 1/4-20 x 3                              |
| 22      | 25095    | 1    | NUT, Hex, Nylon Lock, 1/4-20                              |
| 23      | 1841982  | 2    | BRAKE HANDLE, Complete (Includes Ref 4)                   |
| 24      | 42547    | 2    | BRAKE HANDLE ROD  |
| 25      | 25220    | 2    | SHOULDER BOLT, 1/2 x 1-1/2                                |
| 26      | 20047    | 2    | COLLAR, 5/16 Set  |
| 27      | 25033    | 6    | NUT, Hex, 5/16-24   |
| 28      | 20979    | 6    | CLEVIS, Plastic, 5/16                                     |
| 29      | 42554    | 2    | THUMB CONTROL ROD   |
| 30      | 1845483  | 1    | CONTROL PIVOT, RH   |
| 31      | 1845482  | 1    | CONTROL PIVOT, LH (not shown)                             |
| 32      | 25223    | 4    | SHOULDER BOLT, 1/2 x 1                                    |
| 33      | 1842614  | 2    | THUMB CONTROL LEVER, Complete (Includes Ref 4)            |
| 34      | 1842648  | 2    | BRAKE PIVOT   |
| 35      | 42624    | 2    | CABLE CLAMP   |
| 36      | 1842623  | 1    | SUPPORT, Handle Bar                                       |
| 37      | 1842682  | 1    | SUPPORT, Engine Deck                                      |
| 38      | 21769    | 1    | SWITCH, Operator Presence                                 |
| 39      | 22180    | 1    | SWITCH, PTO   |
| 40      | 20927    | 1    | SWITCH, Ignition  |
| 41      | 20811    | 1    | CABLE, Throttle   |

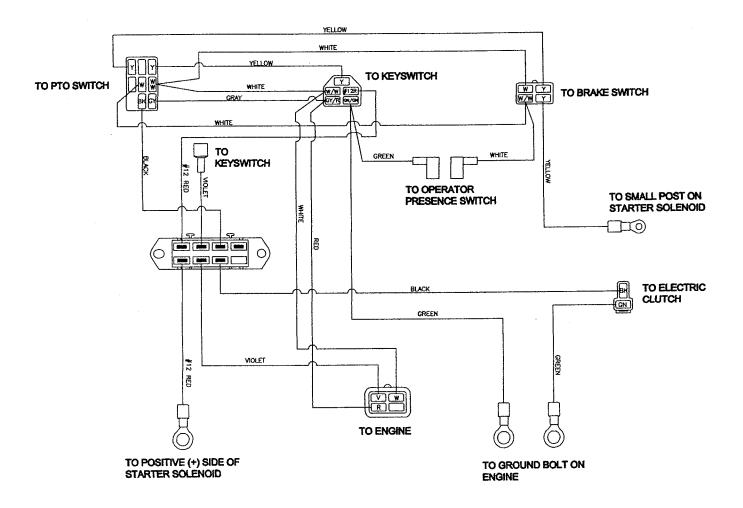
The above parts group applies to the following Model Nos.:
HW1436 Pacer 14 HP Walker w/ 36" Mower

D-PAC-PAR-01



# Transmission & Drive Tire Group

| REF NO. | PART NO.   | QTY. | DESCRIPTION   |  |
|---------|------------|------|---|--|
| 1       | 21469      | 1    | TRANSMISSION, Hydrostatic                             |  |
| 2       | 21084      | 1    | KEY, Woodruff   |  |
| 3       | 21476      | 1    | PULLEY, Transmission Input                            |  |
| 4       | 21081      | 1    | FAN   |  |
| 5       | 44577      | 2    | RETAINER, Fan   |  |
| 6       | 25268      | 1    | CAPSCREW, Allen Head w/ Loctite Patch, 1/4-20 x 1-3/4 |  |
| 7       | 25269      | 1    | CAPSCREW, Allen Head w/ Loctite Patch, 1/4-20 x 1-1/2 |  |
| 8       | 1842537    | 1    | CONTROL ARM   |  |
| 9       | 20149      | 1    | KEY, Woodruff   |  |
| 10      | 21170      | 2    | BALL JOINT, 5/16                                      |  |
| 11      | 42924      | 1    | HYDRO LINKAGE ROD                                     |  |
| 12      | 20979      | 1    | CLEVIS, Plastic, 5/16                                 |  |
| 13      | 42551      | 1    | NEUTRAL LINKAGE ROD                                   |  |
| 14      | 21004      | 1    | SPRING, Compression                                   |  |
| 15      | 1842550    | 1    | NEUTRAL BRACKET                                       |  |
| 16      | 20637      | 1    | SPRING, Compression                                   |  |
| 17      | 20047      | 1    | COLLAR, 5/16 Set                                      |  |
| 18      | 1842638    | 1    | TRANSMISSION RELEASE ROD                              |  |
| 19      | 20639      | 1    | SPRING, Extension                                     |  |
| 20      | 42636      | 1    | RELEASE VALVE EXTENSION                               |  |
| 21      | 21469-1    | 1    | FITTING, 90 deg.                                      |  |
| 22      | 21164      | 2    | HOSE CLAMP  |  |
| 23      | 50848-8.25 | 1    | HOSE, 8-1/4   |  |
| 24      | 50407-9    | 2    | KEY, 1/4 x 2-1/2                                      |  |
| 25      | 1842646    | 2    | SUPPORT, Mount  |  |
| 26      | 25011-8    | 4    | CAPSCREW, HEx Hd, 5/16-18 x 1                         |  |
| 27      | 1844734    | 1 .  | TRANSMISSION MOUNT                                    |  |
| 28      | 25018-24   | 8    | CAPSCREW, Hex Hd, 1/2-20 x 3                          |  |
| 29      | 42526      | 2    | BRAKE DISC  |  |
| 30      | 42618      | 8    | HUB SPACER  |  |
| 31      | 25098      | 8    | NUT, Hex, Nylon Lock, 1/2-20                          |  |
| 32      | 42590      | 2    | DRIVE HUB   |  |
| 33      | 21207      | 2    | DRIVE TIRE  |  |
| 34      | 20601      | 8    | LUG NUT   |  |
| 35      | 20928      | 2    | SHIM  |  |
| 36      | 21210      | 2    | SNAP RING   |  |

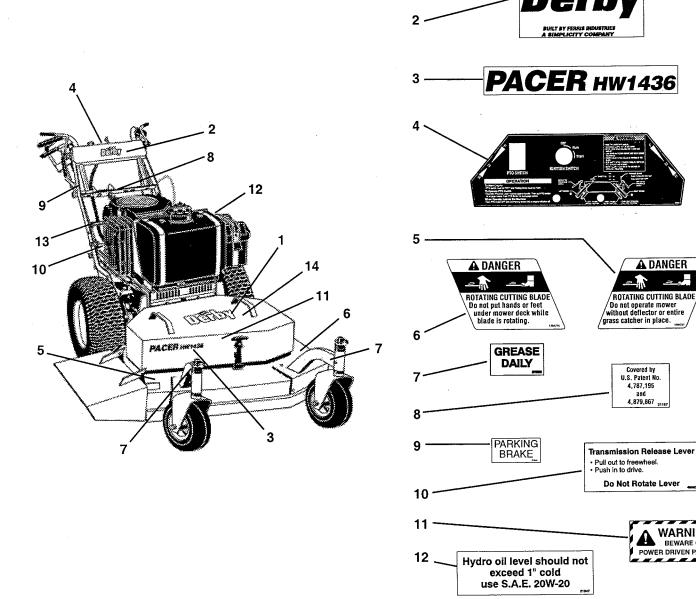


The above parts group applies to the following Model Nos.:

HW1436 Pacer 14 HP Walker w/ 36" Mower

# Electrical Group

| REF NO. | PART NO. | QTY.                   | DESCRIPTION                     |    |
|---------|----------|------------------------|---------------------------------|----|
| 1       | 45897    | . 1                    | HW1436 WIRE HARNESS             |    |
| 2       | 20927    | 1 ( )                  | SWITCH, Ignition                |    |
| 3       | 22180    | 1                      | SWITCH, PTO                     |    |
| 4       | 21769    | 1                      | SWITCH, Operator Presence       |    |
| 5       | 22095    | 1                      | SWITCH, Brake                   |    |
| 6       | 20801    | of 6- <b>1</b> ≤ 1 = 1 | SOLENOID                        |    |
| 7       | 44876    | 1                      | CABLE, Positive Battery         |    |
| 8       | 44471    | 1                      | CABLE, Starter                  |    |
| 9       | 21295    | 1                      | BOOT (on ends of starter cable) |    |
| 10      | 45894    | 1                      | CABLE, Negative Battery         | X. |
| 11      | 21603    | 4                      | FUSE, 20 amp                    |    |



Note: Decals are NOT shown to scale.

The above parts group applies to the following Model Nos.:

HW1436 Pacer 14 HP Walker w/ 36" Mower

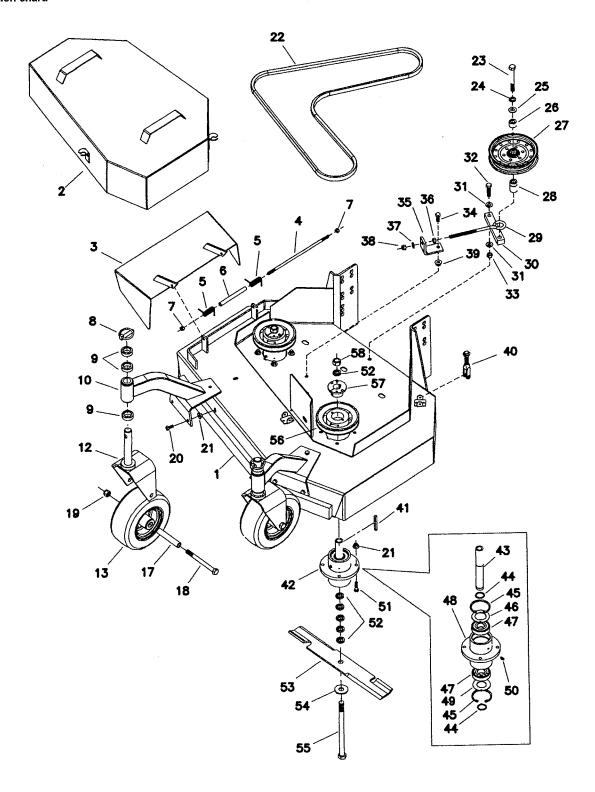
**A** DANGER

WARNING BEWARE OF POWER DRIVEN PARTS

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# Decals - Safety, Brand & Model

| REF NO. | PART NO. | QTY. | DESCRIPTION  |
|---------|----------|------|--|
| 1       | 45517    | 1    | DECAL, Derby Logo                                  |
| 2       | 45512    | 1    | DECAL, Derby Built By Ferris                       |
| 3       | 45518    | 1    | DECAL, Pacer                                       |
| 4       | 45564    | 1    | DECAL, Pacer Operation                             |
| 5       | 1704277  | 1    | DECAL, Danger (Chute In Place)                     |
| 6       | 1704276  | 1    | DECAL, Danger (Hand Under Deck)                    |
| 7       | 21036    | 2    | DECAL, Grease Daily                                |
| 8       | 21167    | 1    | DECAL, Patent                                      |
| 9       | 21246    | 1    | DECAL, Parking Brake                               |
| 10      | 45563    | 1    | DECAL, Transmission Release                        |
| 11      | 20037    | 1    | DECAL, Warning (Located under mower guard)         |
| 12      | 21247    | 1    | DECAL, Oil Level (Located above oil reservoir)     |
| 13      | 21818    | 1    | DECAL, Warning                                     |
| 14      | 22199    | 1    | DECAL, Pulley Position (Located under mower guard) |



The above parts group applies to the following Model Nos.:

HW1436 Pacer 14 HP Walker w/ 36" Mower

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## 36" Mower Group

| 36 IVIOV | ower Group |        |   |
|----------|------------|--------|---|
| REF NO.  | PART NO.   | QTY.   | DESCRIPTION                                       |
| 1        | 1821162    | 1      | 36" MOWER HOUSING                                 |
| 2        | 1845868    | 1      | 36" MOWER GUARD                                   |
| 3        | 1842565    | 1      | DISCHARGE CHUTE                                   |
| 4        | 45914      | 1      | CHUTE PIVOT ROD                                   |
| 5        | 1705080    | 2      | SPRING, Torsion                                   |
| 6        | 45638      | 1      | SPACER, Spring                                    |
| 7        | 25045      | 2      | NUT, Hex, Nylon Lock, 5/16-18                     |
| 8        | 20655      | 2      | LYNCH PIN   |
| 9        | 41476      | 6      | SPACER, Caster                                    |
| 10       | 1843887    | 2      | CASTER MOUNT ARM, Complete (includes Ref 11 & 50) |
| 11       | 21541      | 4      | BUSHING, Flange                                   |
| 12       | 1841702    | 2      | CASTER TIRE MOUNT                                 |
| 13       | 21181      | 2      | CASTER TIRE, Complete (includes Ref 14, 15 & 16)  |
| 14       | 21181-1    | 2      | TIRE  |
| 15       | 21181-2    | 2      | TUBE  |
| 16       |            | 2      |   |
| 17       | 21181-3    | 2      | HUB w/ BEARINGS                                   |
|          | 41657      | 2      | CARCOREM Hay 14 1/0 10 y 5 1/0                    |
| 18       | 25017-44   | 2      | CAPSCREW, Hex Hd, 1/2-13 x 5-1/2                  |
| 19       | 25056      | 2      | NUT, Hex, Nylon Lock, 1/2-13                      |
| 20       | 25011-6    | 6      | CAPSCREW, Hex Hd, 5/16-18 x 3/4                   |
| 21       | 25139      | 14     | NUT, Hex, Serrated Flange, 5/16-18                |
| 22       | 21251      | 1      | BELT CARDONE WILL AND CO. CO. AND CO.             |
| 23       | 25018-28   | 1      | CAPSCREW, Hex Hd, 1/2-20 x 3-1/2                  |
| 24       | 25173      | 1      | WASHER, Lock, 1/2                                 |
| 25       | 25158      | 1      | WASHER, 1/2                                       |
| 26       | 45577      | 1      | SPACER, Idler, Short                              |
| 27       | 21976      | 1      | PULLEY, Smooth                                    |
| 28       | 45578      | 1      | SPACER, Idler, Long                               |
| 29       | 21811      | 1      | EYEBOLT   |
| 30       | 1844610    | 1      | IDLER ARM   |
| 31       | 25157      | 2      | WASHER, 7/16                                      |
| 32       | 25016-14   | . 1    | CAPSCREW, Hex Hd, 7/16-20 x 1-3/4                 |
| 33       | 25094      | 1      | NUT, Hex, Nylon Lock, 7/16-20                     |
| 34       | 25013-8    | 1      | CAPSCREW, Hex Hd, 3/8-16 x 1                      |
| 35       | 1845491    | 1      | EYEBOLT ANCHOR                                    |
| 36       | 25034      | 1      | NUT, Hex, 3/8-16                                  |
| 37       | 25156      | 1      | WASHER, 3/8                                       |
| 38       | 25096      | 1      | NUT, Hex, Nylon Lock, 3/8-16                      |
| 40       | 60078      | 3      | GUARD HOLD DOWN                                   |
| 41       | 50407-9    | 2      | KEY, 1/4 x 2-1/2                                  |
| 42       | 30301      | 2      | SPINDLE ASSEMBLY, Complete (Includes Ref 43-50)   |
| 43       | 41480      | 2      | SPINDLE SHAFT                                     |
| 44       | 20864      | 4      | SNAP RING   |
| 45       | 50866      | 4      | SNAP RING   |
| 46       | 41653      | 2      | WASHER, Top                                       |
| 47       | 20828      | 4      | BEARING   |
| 48       | 30293      | 2<br>2 | HOUSING   |
| 49       | 41672      | 2      | WASHER, Bottom                                    |
| 50       | 20095      | 4      | GREASE FITTING                                    |
| 51       | 25011-10   | 8      | CAPSCREW, Hex Hd, 5/16-18 x 1-1/4                 |
| 52       | 41477      | 12     | SPACER, Blade                                     |
| 53       | 21227      | 2      | BLADE   |
| 54       | 25159      | 2      | WASHER, 5/8                                       |
| 55       | 25019-76   | 2      | CAPSCREW, Hex Hd, 5/8-11 x 9-1/2                  |
| 56       | 20814      | 2      | PULLEY, Spindle                                   |
| 57       | 20819      | 2      | HUB   |
| 58       | 25040      | 2      | NUT, Hex, 5/8-11                                  |
|          |            |        |   |